


FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 7-2004)		ATTORNEY'S DOCKET NO. <b>1483 WO/US</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known see 37 CFR 1.5) <b>10/510454</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US03/12603</b>	INTERNATIONAL FILING DATE <b>23 April, 2003</b>	PRIORITY DATE CLAIMED <b>24 April, 2002</b>
TITLE OF INVENTION <b>METHOD FOR OBTAINING A 2-[18F] FLUOR-2-DEOXY-D-GLUCOSE (18F-FDG)-SOLUTION WITH IMPROVED          PHYSICAL/CHEMICAL STABILITY AND A (STERILE) 2-[18F] FLUOR-2-DEOXY-D-GLUCOSE (18F-FDG)-SOLUTION PRODUCED          THEREWITH</b>		
APPLICANT(S) FOR DO/EO/US <b>MALLINCKRODT INC.</b>		
Applicant herewith submits to the United States Designed/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol>		
<b>Items 11. to 16. below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter..</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>		

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<div>21. <input checked="" type="checkbox"/> The following Fees are submitted:</div> <div><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$770.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$730.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33 (1)-(4).....\$100.00</div> <div><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div> <div>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</div> <table><thead><tr><th>CLAIMS</th><th>NUMBER FILED</th><th>NUMBER EXTRA</th><th>RATE</th></tr></thead><tbody><tr><td>Total claims</td><td>15- 20 =</td><td>0</td><td>x \$18.00</td></tr><tr><td>Independent claims</td><td>4 - 3 =</td><td>1</td><td>x \$86.00</td></tr><tr><td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td><td>+ \$280.00</td></tr><tr><td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS =</b></td><td><b>\$1006.00</b></td></tr><tr><td colspan="3">Reduction of ½ for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</td><td>\$0.00</td></tr><tr><td colspan="3"><b>SUBTOTAL =</b></td><td><b>\$1006.00</b></td></tr><tr><td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td><td>\$0.00</td></tr><tr><td colspan="3"><b>TOTAL NATIONAL FEE =</b></td><td><b>\$0.00</b></td></tr><tr><td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.</td><td>\$0.00</td></tr><tr><td colspan="3"><b>TOTAL FEES ENCLOSED =</b></td><td><b>\$1006.00</b></td></tr><tr><td colspan="3" rowspan="2"></td><td><b>Amount to be refunded:</b></td><td>\$</td></tr><tr><td><b>charged:</b></td><td><b>\$1006.00</b></td></tr></tbody></table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	15- 20 =	0	x \$18.00	Independent claims	4 - 3 =	1	x \$86.00	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$280.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$1006.00</b>	Reduction of ½ for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).			\$0.00	<b>SUBTOTAL =</b>			<b>\$1006.00</b>	Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$0.00	<b>TOTAL NATIONAL FEE =</b>			<b>\$0.00</b>	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.			\$0.00	<b>TOTAL FEES ENCLOSED =</b>			<b>\$1006.00</b>				<b>Amount to be refunded:</b>	\$	<b>charged:</b>	<b>\$1006.00</b>
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<div>a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed.</div> <div>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-1160 in the amount of \$1006.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</div> <div>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-1160. A duplicate copy of this sheet is enclosed.</div> <div>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</div> <div><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></div> <div><div>SEND ALL CORRESPONDENCE TO:  Kenneth D. Goetz Mallinckrodt Inc. 675 McDonnell Boulevard P.O. Box 5840 St. Louis, Missouri 63134</div><div><div> SIGNATURE Kenneth D. Goetz NAME 32,696 REGISTRATION NUMBER</div></div></div>																																																						